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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/807,851
		Filing Date	March 24, 2004
		First Named Inventor	Yi Jiang
		Art Unit	Unknown
		Examiner Name	Unknown
Total Number of Pages in This Submission	4	Attorney Docket Number	1856-32201 (9422.0-01)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 3 prior art references (articles) postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Or Individual Name	Jeffrey L. Johnson, Reg. No. 53,078		
Signature			
Date	April 8, 2004		
CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or Printed Name	Nanci D. Mohr		
Signature		Date	April 8, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yi Jiang, et al.

§ Group Art Unit:

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Serial No.: 10/807,851

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Examiner:

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Filed: March 24, 2004

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Atty. Docket No.: 1856-32201

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For: Process and Apparatus for
Controlling Flow in a Multiphase
Reactor

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Client Ref. No.: 9422.0-01

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INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: 1856-32201

Date: April 8, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

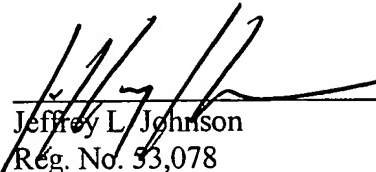
Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

As this Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b), no certification or fee is required.

Respectfully submitted,



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Atty. Docket No.
1856-32201Serial No.
10/807,851**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary.)

Applicant
Yi Jiang et al.Filing Date
March 24, 2004

Group

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	2,287,092	06/23/42	Duftschnid et al.			
	AB	2,853,369	09/23/58	Kolbel et al.			
	AC	2,868,627	01/13/59	Kolbel et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BA	"Liquid Phase Dispersion In Bubble Columns Operating In The Churn-Turbulent Flow Regime," Chemical Engineering Journal, Vol. 78 (2000), pp. 43-51.						
	BB	"Fluid Dynamic Parameters In Bubble Columns With Internals," Chemical Engineering Science, Vol. 54 (1999), pp. 2187-2197.						
	BC	Bubble Column Reactors And Fischer-Tropsch Synthesis, 1995, pp. 228-309						

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.